

# Mostafa H Sharqawy

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9949228/publications.pdf>

Version: 2024-02-01

16  
papers

2,060  
citations

759055

12  
h-index

887953

17  
g-index

17  
all docs

17  
docs citations

17  
times ranked

1930  
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermophysical properties of seawater: a review of existing correlations and data. <i>Desalination and Water Treatment</i> , 2010, 16, 354-380.	1.0	1,063
2	Thermodynamic analysis of humidification dehumidification desalination cycles. <i>Desalination and Water Treatment</i> , 2010, 16, 339-353.	1.0	274
3	OpenPNM: A Pore Network Modeling Package. <i>Computing in Science and Engineering</i> , 2016, 18, 60-74.	1.2	235
4	Optimum thermal design of humidification dehumidification desalination systems. <i>Desalination</i> , 2014, 349, 10-21.	4.0	189
5	ENERGY EFFECTIVENESS OF SIMULTANEOUS HEAT AND MASS EXCHANGE DEVICES. <i>Frontiers in Heat and Mass Transfer</i> , 2010, 1, .	0.1	61
6	Experimental performance of bubble column humidifier and dehumidifier under varying pressure. <i>International Journal of Heat and Mass Transfer</i> , 2016, 93, 934-944.	2.5	42
7	Bubble columns for condensation at high concentrations of noncondensable gas: Heat transfer model and experiments. <i>AIChE Journal</i> , 2013, 59, 1780-1790.	1.8	40
8	Experimental investigations on the performance of an air heated humidification-dehumidification desalination system. <i>Desalination and Water Treatment</i> , 2013, 51, 837-843.	1.0	27
9	The effect of pressure on the performance of bubble column dehumidifier. <i>International Journal of Heat and Mass Transfer</i> , 2015, 87, 212-221.	2.5	24
10	Experimental investigation of packed-bed cross-flow humidifier. <i>Applied Thermal Engineering</i> , 2017, 117, 584-590.	3.0	19
11	Construction of pore network models for Berea and Fontainebleau sandstones using non-linear prograning and optimization techniques. <i>Advances in Water Resources</i> , 2016, 98, 198-210.	1.7	18
12	Efficiency and Optimization of a Straight Rectangular Fin with Combined Heat and Mass Transfer. <i>Heat Transfer Engineering</i> , 2008, 29, 1018-1026.	1.2	17
13	A review of hybrid desalination systems for co-production of power and water: analyses, methods, and considerations. <i>Desalination and Water Treatment</i> , 2013, 51, 5381-5401.	1.0	15
14	Enhancement of heat transfer from a horizontal cylinder wrapped with whole and segmented layers of metal foam. <i>International Journal of Heat and Mass Transfer</i> , 2021, 165, 120675.	2.5	14
15	Heat Exchangers Design Under Variable Overall Heat Transfer Coefficient: Improved Analytical and Numerical Approaches. <i>Heat Transfer Engineering</i> , 2010, 31, 1051-1056.	1.2	13
16	Effect of temperature variation on ice cream recrystallization during freezer defrost cycles. <i>Journal of Food Engineering</i> , 2022, 335, 111188.	2.7	2